

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number  
**WO 2005/015811 A1**

(51) International Patent Classification<sup>7</sup>: **H04L 1/16**,  
12/56, H03M 5/12

(21) International Application Number:  
PCT/AU2004/001053

(22) International Filing Date: 9 August 2004 (09.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2003904170 8 August 2003 (08.08.2003) AU

(71) Applicant (for all designated States except US): **CLIP-  
SAL INTEGRATED SYSTEMS PTY LTD** [AU/AU]; 12  
Park Terrace, Bowden, S.A. 5007 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **QUICK, Ashleigh**,  
Glen [AU/AU]; 12 Park Terrace, Bowden, S.A. 5007 (AU).  
**TERRACE, Donald, Murray** [AU/AU]; 12 Park Terrace,  
Bowden, S.A. 5007 (AU).

(74) Agent: **MADDERNS**; First Floor, 64 Hindmarsh Square,  
Adelaide, S.A. 5000 (AU).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

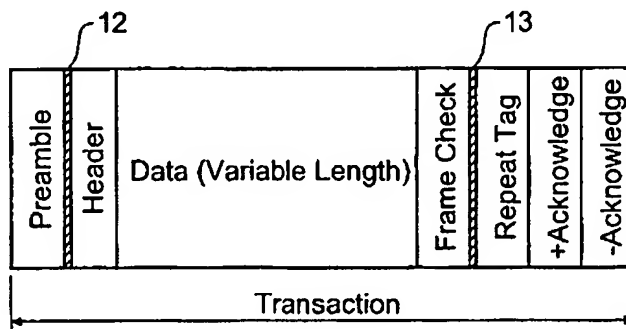
(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: **RADIO NETWORK COMMUNICATION SYSTEM AND PROTOCOL**



(57) Abstract: A communications system and protocol for a radio communications network including a number of transceiver de-  
vices. The protocol ensures that network variables to be shared by all devices are correctly received and updated by all devices. The  
protocol also provides for accurately detecting the transition from one time slot to another, in a given data transaction.

WO 2005/015811 A1